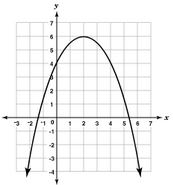
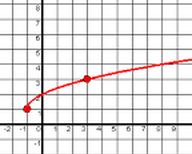
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| --- | --- | --- | --- |
| Michael T. Davis  Pre-Calculus | | 1.6 1.7 Quiz Practice  October 13, 2015 | |
| Name: | |

1. Shown is the graph of 

|  |
| --- |
| 1. Evaluate:   1. b.  c. |
| 2. Write the domain and range of the function using interval notation. |
| 3. State the interval(s) on which the function is:  a. increasing b. decreasing c. constant |
| 4. State the interval(s) for which:  a.  b. |
| 5. State each value:  a. the maximum value of  b. the minimum value of |
| 6. Solve , i.e. for what value(s) of x does  hold true? |
| 7. State the coordinates of each (approximate if necessary):  a. any x-intercepts b. the y-intercept |

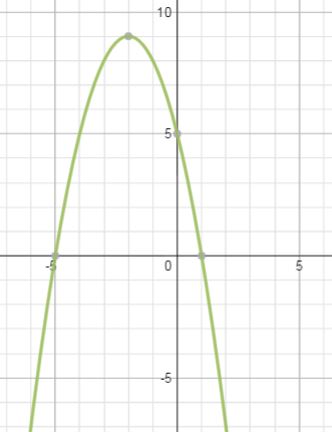
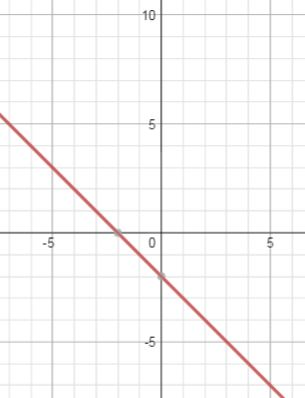
1. Shown is the graph of 

|  |
| --- |
| 1. Evaluate:   1. b.  c. |
| 2. Write the domain and range of the function using interval notation. |
| 3. State the interval(s) on which the function is:  a. increasing b. decreasing c. constant |
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| 6. Solve , i.e. for what value(s) of x does  hold true? |
| 7. State the coordinates of each:  a. any x-intercepts b. the y-intercept |

**Given the two functions  and :**

|  |  |
| --- | --- |
| 1. Evaluate | 1. Evaluate |
| 1. Evaluate | 1. Evaluate |
| 1. Evaluate | 1. Evaluate |
| 1. Evaluate | 1. Evaluate |
| 1. Evaluate | 1. Evaluate |
| 1. State the domain and range of | 1. State the domain and range of |

Use the graphs of  on the left and  on the right below to answer # 13 - 22



|  |  |
| --- | --- |
| 1. Evaluate | 1. Evaluate |
| 1. Evaluate | 1. Evaluate |
| 1. Evaluate | 1. Evaluate |
| 1. Evaluate | 1. Evaluate |
| 1. Evaluate | 1. Evaluate |